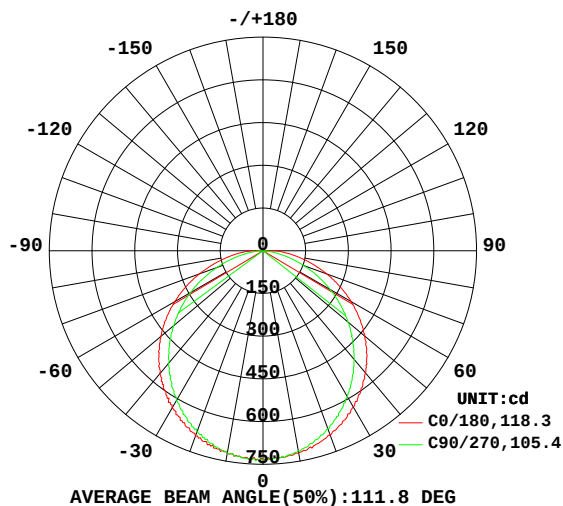
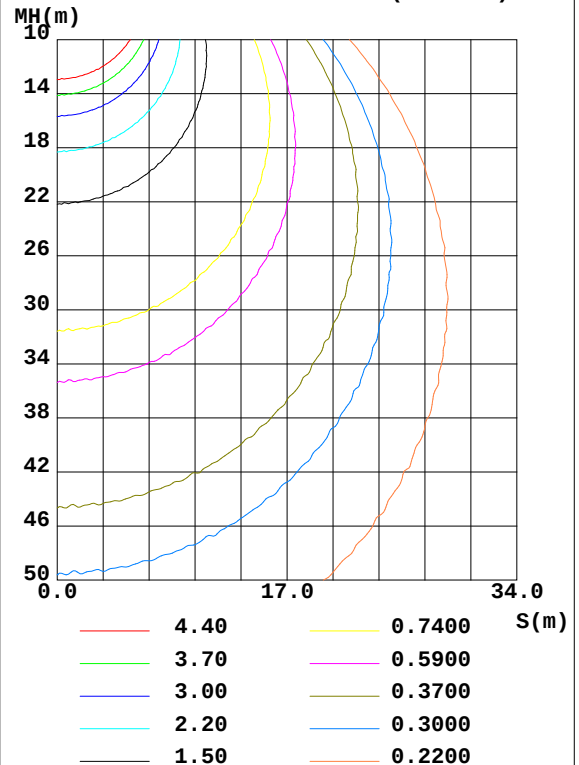


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.11V I:0.2386A P:28.413W PF:0.9917 Freq:60.00Hz Lamp Flux:2104.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 74.08 lm/W
MODEL	VN27-24-25S-952C5-MVTD-SB002-3500K	I _{max} (cd)	739.1	S/MH(C0/180)	1.28	
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.23	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2104.9	η UP, DN(C0-180)	0.1, 49.1	
NOMINAL FLUX(lm)	2104.93	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.2, 50.6	
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	120	η down(%)	99.7	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Wilson
Test Date: 2022-11-21

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.444
Humidity: 60.5%
Test Distance: 2.678m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	721.1	717.5	713.3	719.2	722.3	724.3	721.7	724.8	0- 10	69.42	69.42	3.3,3.3
20	689.4	674.9	665.4	677.3	693.3	685.8	677.7	688.4	10- 20	198.5	268.0	12.7,12.7
30	633.6	613.6	592.5	610.9	638.2	624.7	606.2	623.0	20- 30	300.2	568.2	27,27
40	559.7	526.6	499.6	524.2	565.0	542.1	517.6	540.2	30- 40	361.2	929.4	44.2,44.2
50	465.7	424.7	387.0	421.0	470.6	441.7	411.7	440.2	40- 50	374.0	1303	61.9,61.9
60	356.9	311.2	272.4	306.2	359.4	329.0	296.6	327.0	50- 60	337.2	1641	77.9,77.9
70	237.6	191.7	152.4	186.6	237.4	204.8	173.2	205.8	60- 70	256.4	1897	90.1,90.1
80	125.4	83.54	46.80	78.57	123.8	91.99	63.20	95.25	70- 80	148.9	2046	97.2,97.2
90	36.46	11.86	0.1228	13.16	38.48	17.52	0.4498	20.34	80- 90	52.69	2099	99.7,99.7
100	1.882	0.2314	0.2066	0.2334	1.151	0.1373	0.1089	0.1337	90-100	3.860	2102	99.9,99.9
110	0.2975	0.3023	0.2827	0.3148	0.2180	0.2139	0.1708	0.2045	100-110	0.2403	2103	99.9,99.9
120	0.4058	0.4079	0.3879	0.4029	0.3438	0.3600	0.3335	0.3264	110-120	0.3018	2103	99.9,99.9
130	0.5306	0.5360	0.5323	0.5167	0.5167	0.5651	0.5552	0.5022	120-130	0.4033	2103	99.9,99.9
140	0.5907	0.6014	0.6159	0.5899	0.6772	0.7458	0.7214	0.6792	130-140	0.4695	2104	100,100
150	0.6638	0.6556	0.7011	0.6722	0.7350	0.7727	0.7081	0.7183	140-150	0.4292	2104	100,100
160	0.7086	0.7027	0.7382	0.7525	0.7358	0.7716	0.7196	0.6990	150-160	0.3326	2105	100,100
170	0.7858	0.8211	0.8781	0.8283	0.6943	0.7573	0.7137	0.6722	160-170	0.2085	2105	100,100
180	0.8319	0.8732	0.9152	0.8342	0.8326	0.8795	0.9193	0.8364	170-180	0.0772	2105	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1118 lm

%lum = 53.1%

%lamp = 53.1%

Conical surface Flux(120deg): 1640.6 lm

%lum = 77.9%

%lamp = 77.9%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-11-21

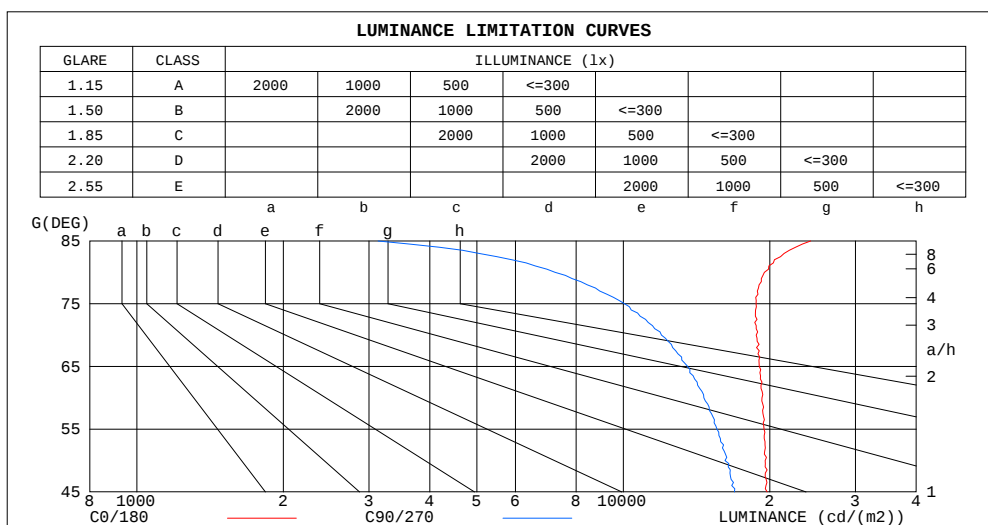
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:120.11V I:0.2386A P:28.413W PF:0.9917 Freq:60.00Hz Lamp Flux:2104.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	24270	3133
80	19500	7244
75	18737	10057
70	18759	11975
65	19026	13560
60	19274	14641
55	19460	15581
50	19563	16183
45	19742	16923

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-11-21

Checker: Near Gao

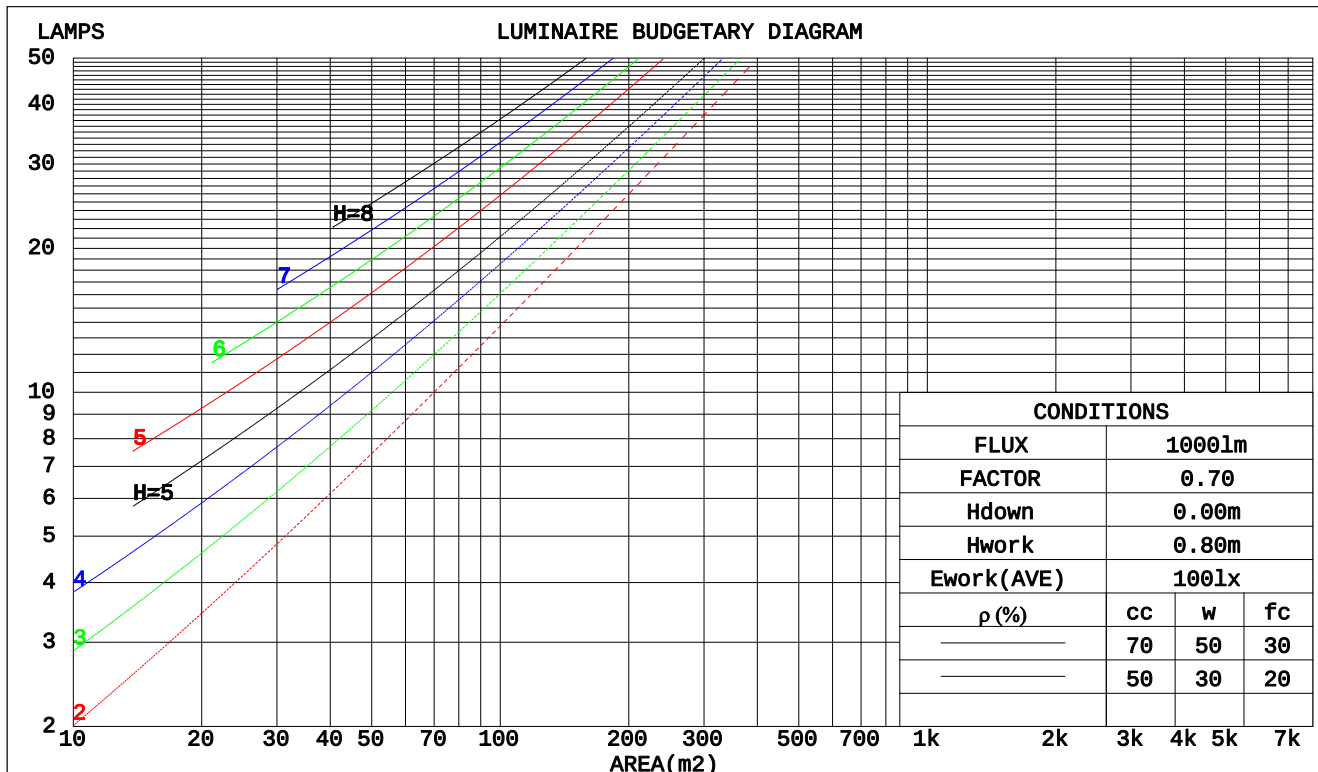
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.11V I:0.2386A P:28.413W PF:0.9917 Freq:60.00Hz Lamp Flux:2104.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.03	.99	.95	1.01	.97	.94	.97	.94	.90	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.35	.47	.40	.35	.46	.40	.35	.33
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

WEC AND CCEC

Test:U:120.11V I:0.2386A P:28.413W PF:0.9917 Freq:60.00Hz Lamp Flux:2104.93x1 lm											
NAME:				TYPE:				WEIGHT:			
SPEC.:				DIM.:				SERIAL No.:			
MFR.:				SUR.:				Shielding Angle:			

ρ _{CC}	80%			70%			50%			30%			10%			0
ρ _W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.316	.180	.057	.309	.176	.056	.296	.170	.054	.283	.163	.052	.272	.158	.051	
2.0	.295	.162	.050	.289	.159	.049	.277	.154	.048	.266	.149	.047	.256	.145	.046	
3.0	.272	.145	.043	.266	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041	
4.0	.250	.130	.038	.246	.128	.038	.236	.125	.037	.228	.122	.037	.219	.119	.036	
5.0	.231	.118	.034	.227	.116	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.199	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.075	.021	.148	.074	.021	

ρ _{CC}	80%			70%			50%			30%			10%			0
ρ _W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.193	.193	.193	.165	.165	.165	.112	.112	.112	.065	.065	.065	.021	.021	.021	
1.0	.183	.158	.136	.157	.136	.117	.107	.094	.081	.062	.054	.047	.020	.017	.015	
2.0	.175	.134	.100	.150	.116	.086	.103	.080	.060	.059	.046	.035	.019	.015	.012	
3.0	.167	.117	.076	.143	.101	.066	.098	.070	.046	.057	.041	.027	.018	.013	.009	
4.0	.160	.103	.060	.137	.089	.053	.094	.062	.037	.054	.036	.022	.018	.012	.007	
5.0	.152	.093	.049	.131	.080	.043	.090	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.145	.085	.041	.124	.073	.036	.086	.051	.026	.050	.030	.015	.016	.010	.005	
7.0	.138	.078	.036	.119	.067	.031	.082	.047	.022	.048	.028	.013	.015	.009	.004	
8.0	.131	.072	.031	.113	.062	.027	.078	.044	.019	.046	.026	.011	.015	.008	.004	
9.0	.125	.067	.028	.108	.058	.024	.075	.041	.017	.044	.024	.010	.014	.008	.003	
10.0	.120	.063	.025	.103	.054	.022	.072	.038	.015	.042	.023	.009	.014	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

UGR(Unified Glare Rating) Table

Test:U:120.11V I:0.2386A P:28.413W PF:0.9917 Freq:60.00Hz Lamp Flux:2104.93x1 lm										
NAME:			TYPE:			WEIGHT:				
SPEC.:			DIM.:			SERIAL No.:				
MFR.:			SUR.:			Shielding Angle:				
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	23.3	24.8	23.5	25.0	25.2	22.2	23.7	22.4	23.9	24.1
3H	25.0	26.4	25.3	26.6	26.9	23.4	24.8	23.7	25.0	25.3
4H	25.7	27.1	26.1	27.3	27.6	23.8	25.1	24.1	25.4	25.7
6H	26.4	27.7	26.8	28.0	28.2	24.0	25.3	24.3	25.5	25.8
8H	26.7	27.9	27.1	28.2	28.5	24.0	25.2	24.4	25.5	25.8
12H	27.0	28.2	27.4	28.5	28.8	24.0	25.2	24.4	25.5	25.8
4H 2H	23.7	25.1	24.1	25.3	25.6	22.9	24.2	23.2	24.5	24.7
3H	25.7	26.8	26.0	27.1	27.5	24.3	25.5	24.6	25.8	26.1
4H	26.6	27.6	26.9	28.0	28.3	24.8	25.9	25.2	26.2	26.5
6H	27.4	28.4	27.8	28.7	29.1	25.1	26.1	25.5	26.4	26.8
8H	27.8	28.7	28.2	29.0	29.4	25.2	26.0	25.6	26.4	26.8
12H	28.2	29.0	28.6	29.4	29.8	25.2	26.0	25.6	26.4	26.8
8H 4H	26.7	27.6	27.2	28.0	28.4	25.2	26.1	25.6	26.4	26.8
6H	27.7	28.5	28.2	28.9	29.3	25.6	26.3	26.0	26.8	27.2
8H	28.2	28.9	28.7	29.3	29.8	25.7	26.4	26.2	26.8	27.3
12H	28.8	29.3	29.3	29.8	30.3	25.8	26.3	26.2	26.8	27.3
12H 4H	26.7	27.5	27.2	27.9	28.3	25.2	26.0	25.7	26.4	26.8
6H	27.8	28.4	28.2	28.9	29.3	25.7	26.4	26.2	26.8	27.3
8H	28.3	28.9	28.8	29.3	29.8	25.9	26.4	26.4	26.9	27.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 2105 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.6$)
 Area: 0.0372 m²

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

UTILIZATION FACTORS TABLE

Test:U:120.11V I:0.2386A P:28.413W PF:0.9917 Freq:60.00Hz Lamp Flux:2104.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	91	84	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-11-21

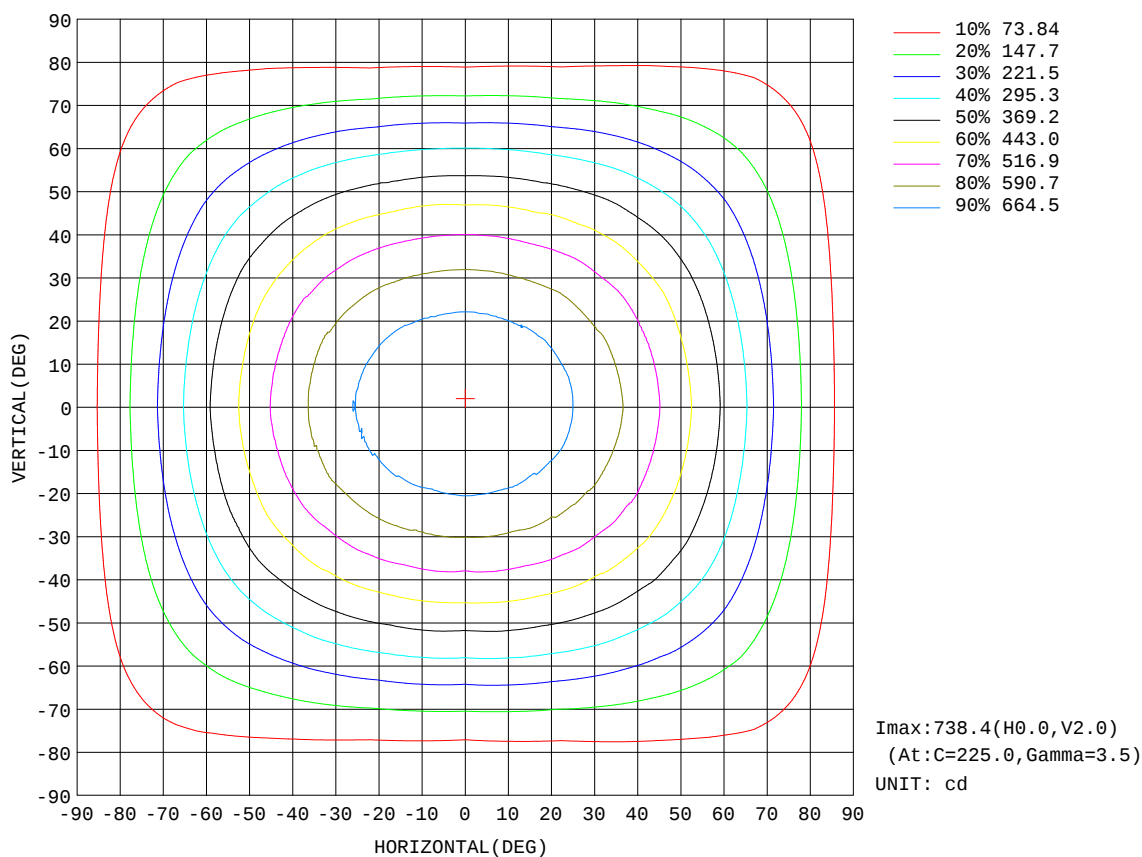
Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.678m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:120.11V I:0.2386A P:28.413W PF:0.9917 Freq:60.00Hz Lamp Flux:2104.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2022-11-21

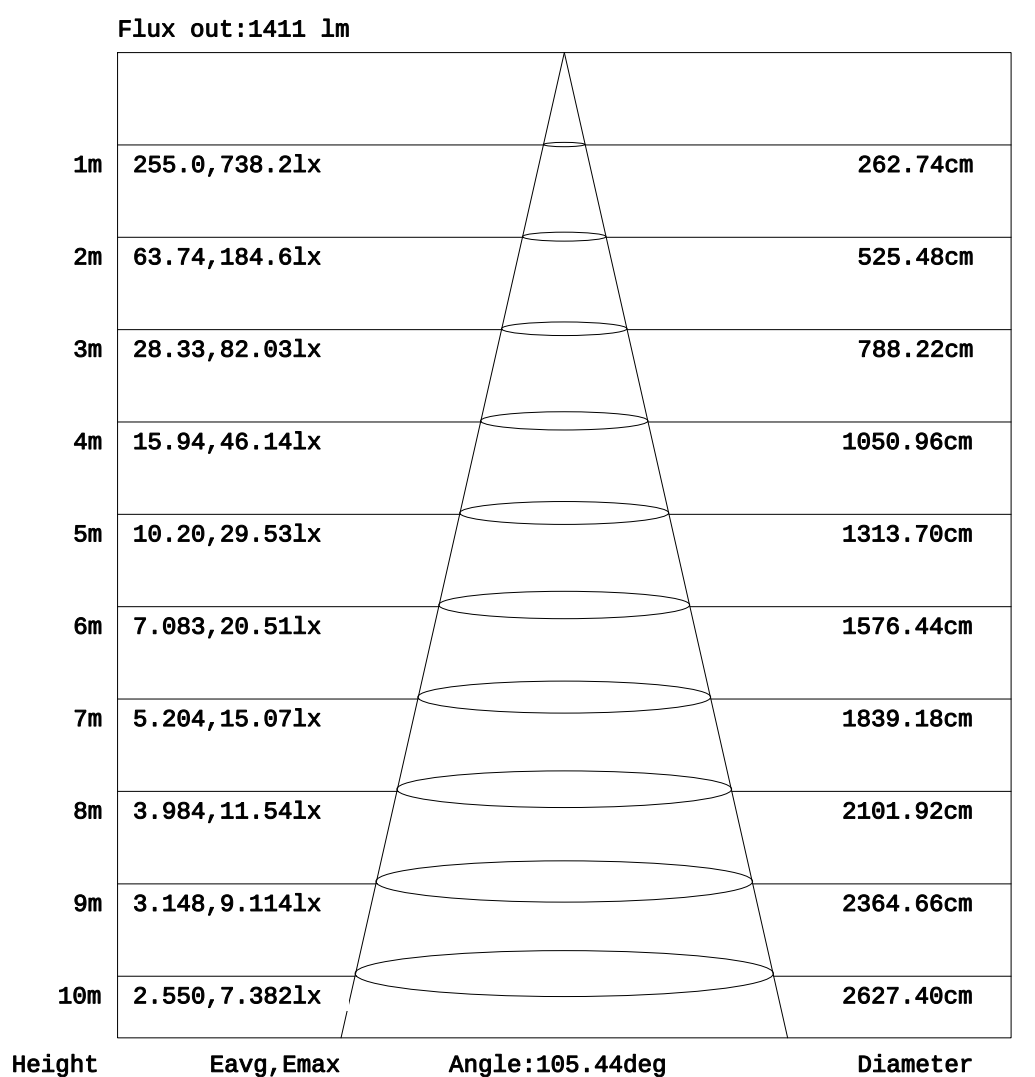
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

AAI Figure

Test:U:120.11V I:0.2386A P:28.413W PF:0.9917 Freq:60.00Hz Lamp Flux:2104.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Wilson
 Test Date:2022-11-21

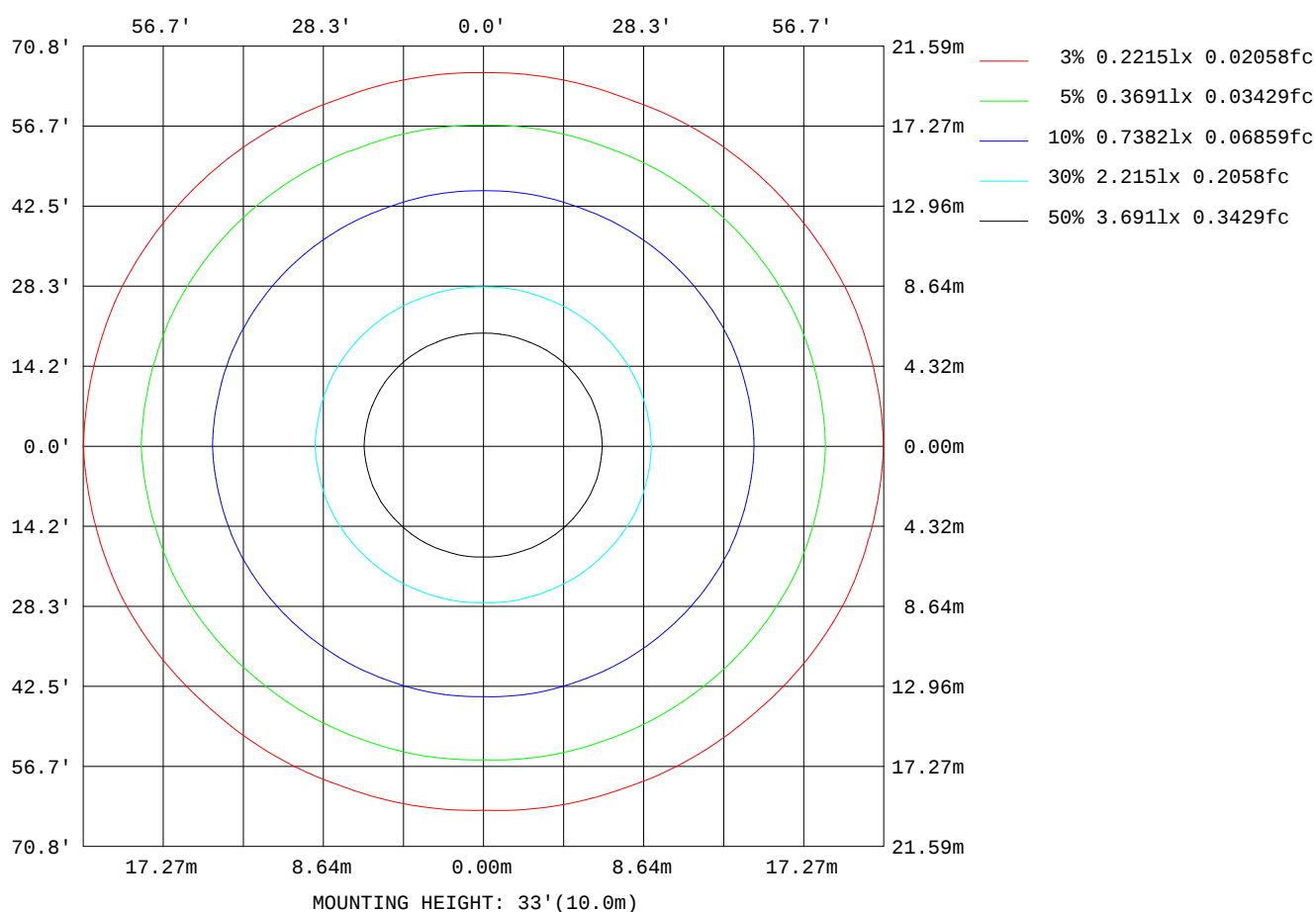
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity:60.5%
 Test Distance:2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Near Gao

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:120.11V I:0.2386A P:28.413W PF:0.9917 Freq:60.00Hz Lamp Flux:2104.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-11-21

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.678m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

LED Avg.L Report

Test:U:120.11V I:0.2386A P:28.413W PF:0.9917 Freq:60.00Hz Lamp Flux:2104.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	18970
L_0~180(75)av	18558
L_0~180(85)av	23811
L_90~270(65)av	14188
L_90~270(75)av	11016
L_90~270(85)av	4935
L_45(65)av	16410
L_45(75)av	14406
L_45(85)av	14013

Standard: GB/T 29293-2012

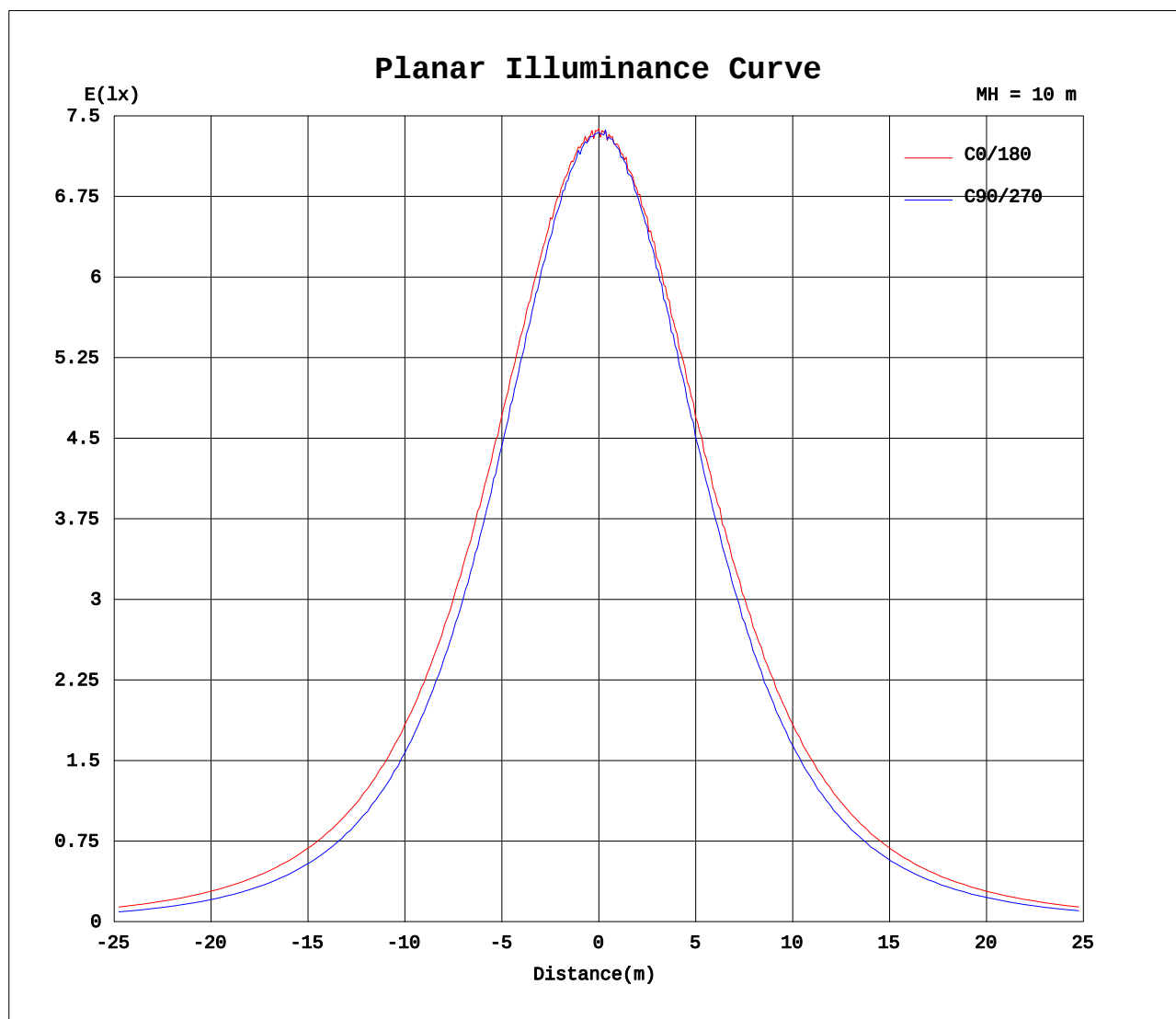
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Wilson
Test Date:2022-11-21

Checker: Near Gao

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.444
Humidity:60.5%
Test Distance:2.678m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Wilson
 Test Date: 2022-11-21

Checker: Near Gao

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.444
 Humidity: 60.5%
 Test Distance: 2.678m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Assessor: Akin Xu

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.11V I:0.2386A P:28.413W PF:0.9917 Freq:60.00Hz Lamp Flux:2104.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735			
5	729	729	734	726	728	729	731	732	729	729	737	729	731	730	731	733			
10	721	722	718	715	713	719	719	724	722	727	724	718	722	722	725	724			
15	707	704	704	696	694	694	701	709	710	711	710	702	701	701	706	711			
20	689	687	675	670	665	672	677	686	693	693	686	675	678	678	688	688			
25	661	658	650	634	629	635	648	665	666	664	658	645	643	646	657	665			
30	634	629	614	599	593	599	611	627	638	637	625	606	606	609	623	632			
35	600	590	574	553	546	552	572	594	600	598	587	565	561	566	581	594			
40	560	552	527	509	500	506	524	551	565	560	542	519	518	520	540	555			
45	517	502	479	456	445	454	476	506	518	512	495	469	464	469	492	508			
50	466	457	425	403	387	401	421	452	471	462	442	415	412	415	440	459			
55	413	399	373	344	333	343	366	399	415	407	386	359	354	359	384	403			
60	357	343	311	287	272	284	306	340	359	350	329	299	297	300	327	348			
65	298	283	252	226	213	222	247	280	299	288	267	241	233	242	266	288			
70	238	223	192	165	152	162	187	217	237	228	205	180	173	181	206	229			
75	180	164	134	108	96.9	105	129	160	178	168	145	122	115	124	147	170			
80	125	111	83.5	57.6	46.8	55.9	78.6	107	124	114	92.0	68.5	63.2	71.1	95.3	117			
85	78.3	66.0	41.3	21.0	10.2	21.2	40.1	63.4	76.1	67.4	47.9	27.6	21.8	30.5	52.4	71.4			
90	36.5	27.5	11.9	1.89	0.12	1.51	13.2	27.8	38.5	31.8	17.5	3.93	0.45	7.27	20.3	33.9			
95	1.49	1.87	1.93	0.16	0.17	0.16	1.17	0.28	0.13	0.14	1.08	0.11	0.09	0.11	1.90	0.18			
100	1.88	0.64	0.23	0.21	0.21	0.21	0.23	0.46	1.15	0.57	0.14	0.12	0.11	0.12	0.13	0.44			
105	0.27	0.25	0.27	0.25	0.24	0.25	0.27	0.26	0.17	0.18	0.17	0.15	0.13	0.14	0.16	0.17			
110	0.30	0.29	0.30	0.29	0.28	0.30	0.31	0.30	0.22	0.23	0.21	0.19	0.17	0.18	0.20	0.21			
115	0.34	0.34	0.35	0.34	0.33	0.35	0.36	0.35	0.27	0.28	0.28	0.26	0.24	0.25	0.26	0.26			
120	0.41	0.39	0.41	0.40	0.39	0.41	0.40	0.40	0.34	0.36	0.36	0.34	0.33	0.33	0.33	0.33			
125	0.47	0.46	0.48	0.47	0.46	0.47	0.47	0.47	0.42	0.45	0.46	0.45	0.43	0.42	0.41	0.41			
130	0.53	0.53	0.54	0.55	0.53	0.54	0.52	0.53	0.52	0.56	0.57	0.58	0.56	0.54	0.50	0.51			
135	0.56	0.58	0.57	0.59	0.58	0.57	0.56	0.57	0.62	0.67	0.69	0.70	0.69	0.66	0.63	0.62			
140	0.59	0.59	0.60	0.62	0.62	0.60	0.59	0.60	0.68	0.72	0.75	0.74	0.72	0.69	0.68	0.67			
145	0.63	0.62	0.64	0.65	0.67	0.64	0.63	0.64	0.70	0.73	0.78	0.76	0.74	0.73	0.72	0.70			
150	0.66	0.66	0.66	0.67	0.70	0.66	0.67	0.66	0.73	0.75	0.77	0.76	0.71	0.74	0.72	0.72			
155	0.69	0.68	0.72	0.69	0.72	0.69	0.74	0.70	0.74	0.74	0.78	0.74	0.76	0.70	0.73	0.72			
160	0.71	0.70	0.70	0.70	0.74	0.74	0.75	0.72	0.74	0.76	0.77	0.76	0.72	0.71	0.70	0.72			
165	0.73	0.75	0.75	0.71	0.81	0.76	0.79	0.76	0.71	0.74	0.75	0.71	0.71	0.65	0.68	0.70			
170	0.79	0.82	0.82	0.79	0.88	0.81	0.83	0.80	0.69	0.74	0.76	0.70	0.71	0.67	0.67	0.70			
175	0.89	0.91	0.92	0.91	0.94	0.90	0.91	0.89	0.79	0.82	0.86	0.81	0.82	0.77	0.78	0.79			
180	0.83	0.86	0.87	0.86	0.92	0.82	0.83	0.81	0.83	0.86	0.88	0.86	0.92	0.82	0.84	0.81			

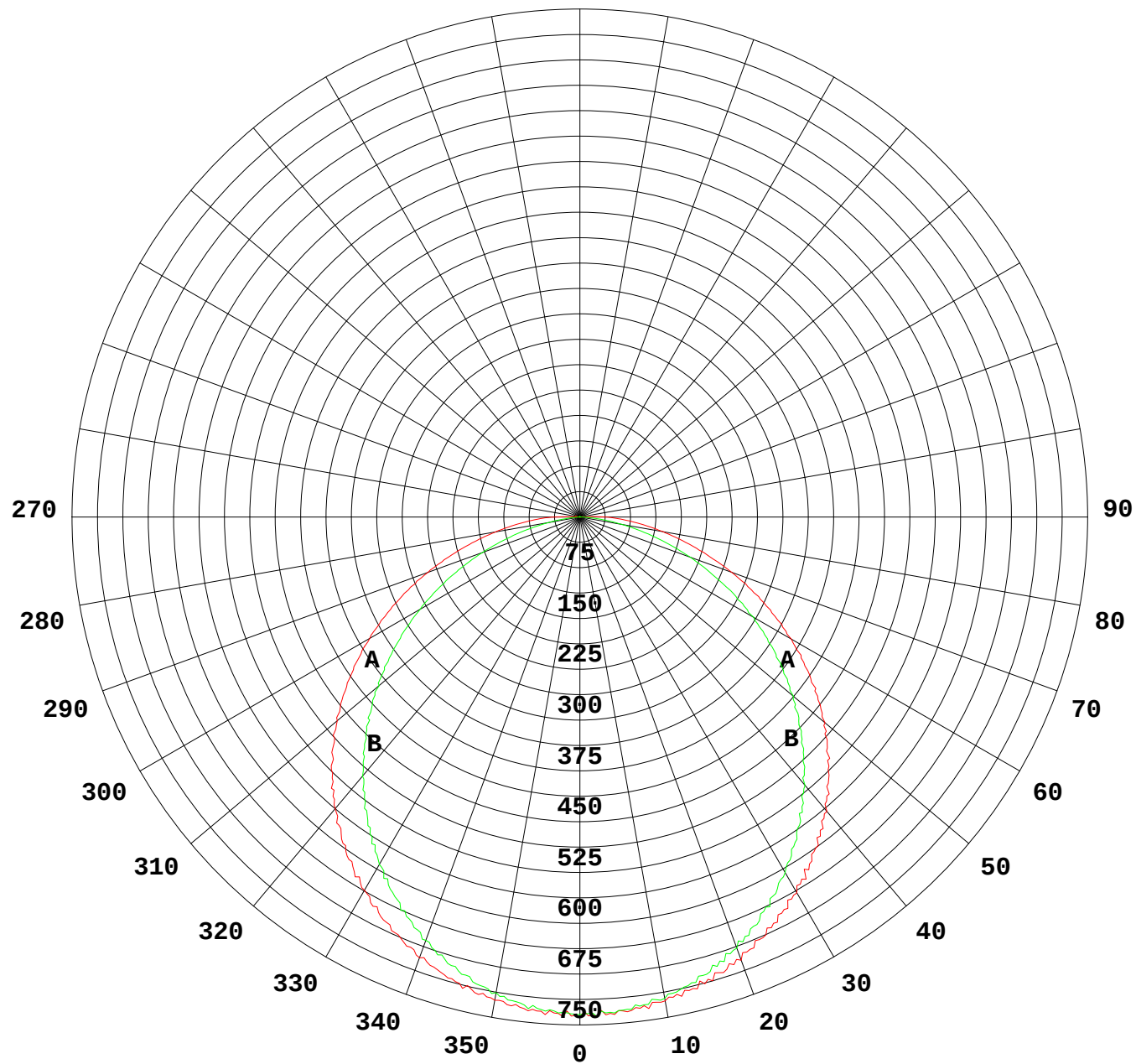
C Range: 0 - 360DEG
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Checker: Near Gao

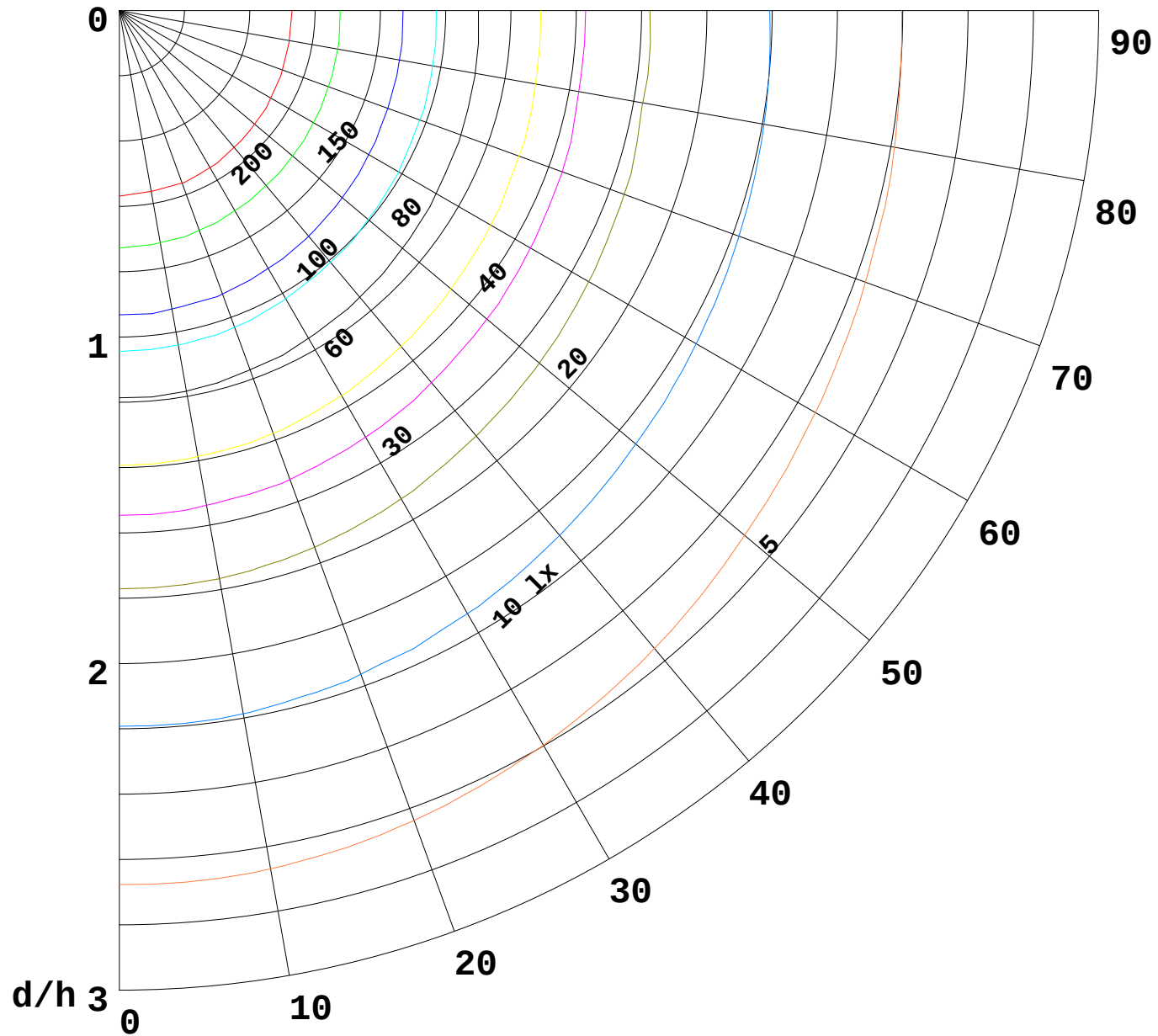
Assessor: Akin Xu

I(cd)



1000 lm

K = 1



F = 1000 lm
 K = 0.7
 Hcc = 0.8 m
 Hfc = 0.0 m
 Eave = 100 lx

	Pcc	Pw	Pfc
—————	70	50	30
—————	50	30	20

